

Sheet 1 of 1Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
105081APPLICATION NO.
09/446,730

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Katsushi SHIO et al.FILING DATE
December 27, 1999GROUP
1754

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
/A.P./	1	4,629,493	12/16/1986	Ura et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
/A.P./	2	JP A-2-214504 (w/abstract)	08/27/1990	Japan		
/A.P./	3	JP B2-4-76721	12/04/1992	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

/Alton Pryor/

DATE CONSIDERED

08/18/2007

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.